No. 200200005

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

University of Georgia Research Foundation, Inc. (UGARF) and
University of Florida Agricultural Experiment Station (UFAES)

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE PURPOSE , OR USING IT IN ING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY ION ACT. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

WHEAT, COMMON

'36803'

In Testimony Whereof, *I have hereunto set my hand and caused the seal of the* Plant Variety Protection Office *to be affixed at the City of Washington, D.C. this twentieth day of September, in the year two thousand two.*

Attest:

Commissioner
Plant Variety Protection Office
Agricultural Marketing Service

Secretary of Agriculture

REPRODUCE LOCALLY. *Include form number and date on all reproductions*

Form Approved - OMB No. 0581-0055

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY - PLANT VARIETY PROTECTION OFFICE

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

(Instructions and information collection burden statement on reverse)

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

1. NAME OF OWNER
University of Georgia Research Foundation, Inc. (UGARF)
Florida Agricultural Experiment Station (FAES)
~ University of

2. TEMPORARY DESIGNATION OR EXPERIMENTAL NAME
901146E15

3. VARIETY NAME
~~36803~~ '36803'
mah 5-16-2002

4. ADDRESS *(Street and No., or R.F.D. No., City, State, and ZIP Code, and Country)*
632 Boyd Graduate Studies Building
D.W. Brooks Drive
Athens, GA 30602-7411

5. TELEPHONE *(include area code)*
(706) 542-4750

6. FAX *(include area code)*
(706) 583-0074

FOR OFFICIAL USE ONLY

PVPO NUMBER
200200005

FILING DATE
October 4, 2001

7. IF THE OWNER NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZATION *(corporation, partnership, association, etc.)*
Corporation

8. IF INCORPORATED, GIVE STATE OF INCORPORATION
Georgia

9. DATE OF INCORPORATION
11/17/78

10. NAME AND ADDRESS OF OWNER REPRESENTATIVE(S) TO SERVE IN THIS APPLICATION. *(First person listed will receive all papers)*
University of Georgia Research Foundation, Inc.
Florida Agricultural Experiment Station
c/o John Ingle
632 Boyd Graduate Studies Building
Athens, GA 30602-7411

FEES RECEIVED

FILING AND EXAMINATION FEES:
$ 2705.00
DATE 10/4/2001

CERTIFICATION FEE:
$ 300.00
DATE 5/16/02

11. TELEPHONE *(Include area code)*
(706) 542-4750

12. FAX *(Include area code)*
(706) 583-0074

13. E-MAIL
ji@ovpr.uga.edu

14. CROP KIND *(Common Name)*
Wheat, common

15. GENUS AND SPECIES NAME OF CROP
Triticum aestivum

16. FAMILY NAME *(Botanical)*
Gramineae

17. IS THE VARIETY A FIRST GENERATION HYBRID?
☐ YES ☒ NO

18. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED (Follow instructions on reverse)

a. ☒ Exhibit A. Origin and Breeding History of the Variety
b. ☒ Exhibit B. Statement of Distinctness
c. ☒ Exhibit C. Objective Description of Variety
d. ☒ Exhibit D. Additional Description of the Variety *(Optional)*
e. ☒ Exhibit E. Statement of the Basis of the Owner's Ownership
f. ☒ Voucher Sample *(2,500 viable untreated seeds or, for tuber propagated varieties, verification that tissue culture will be deposited and maintained in an approved public repository)*
g. ☒ Filing and Examination Fee ($2,705), made payable to "Treasurer of the United States" *(Mail to the Plant Variety Protection Office)*

19. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE SOLD AS A CLASS OF CERTIFIED SEED? *See Section 83(a) of the Plant Variety Protection Act)*
☐ YES *(If "yes", answer items 20 and 21 below)* ☒ NO *(If "no", go to item 22)*

20. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF CLASSES? ☐ YES ☐ NO
IF YES, WHICH CLASSES? ☐ FOUNDATION ☐ REGISTERED ☐ CERTIFIED

21. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS? ☐ YES ☐ NO
IF YES, SPECIFY THE NUMBER 1,2,3, *etc.* ☐ FOUNDATION ☐ REGISTERED ☐ CERTIFIED
(If additional explanation is necessary, please use the space indicated on the reverse.)

22. HAS THE VARIETY (INCLUDING ANY HARVESTED MATERIAL) OR A HYBRID PRODUCED FROM THIS VARIETY BEEN SOLD, DISPOSED OF, TRANSFERRED, OR USED IN THE U. S. OR OTHER COUNTRIES?
☐ YES ☒ NO
IF YES, YOU MUST PROVIDE THE DATE OF FIRST SALE, DISPOSITION, TRANSFER, OR USE FOR EACH COUNTRY AND THE CIRCUMSTANCES. *(Please use space indicated on reverse.)*

23. IS THE VARIETY OR ANY COMPONENT OF THE VARIETY PROTECTED BY INTELLECTUAL PROPERTY RIGHT *(PLANT BREEDER'S RIGHT OR PATENT)*?
☐ YES ☒ NO
IF YES, PLEASE GIVE COUNTRY, DATE OF FILING OR ISSUANCE AND ASSIGNED REFERENCE NUMBER. *(Please use space indicated on reverse.)*

24. The owners declare that a viable sample of basic seed of the variety will be furnished with application and will be replenished upon request in accordance with such regulations as may be applicable, or for a tuber propagated variety a tissue culture will be deposited in a public repository and maintained for the duration of the certificate.

The undersigned owner(s) is(are) the owner of this sexually reproduced or tuber propagated plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 42, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.

Owner(s) is(are) informed that false representation herein can jeopardize protection and result in penalties.

SIGNATURE OF OWNER		SIGNATURE OF OWNER	
Gordhan L. Patel			
NAME *(Please print or type)*		NAME *(Please print or type)*	
Gordhan L. Patel			
CAPACITY OR TITLE	DATE	CAPACITY OR TITLE	DATE
Executive Vice President	10/2/01		

200200005

Exhibit A

Origin and Breeding History of ~~901146E15~~ '36803' MAH 5/16/2002

'901146E15', a soft red winter wheat (Triticum aestivum L.), was cooperatively developed and released by the Georgia and Florida Agricultural Experiment Stations in 2001. 901146E15 was derived from a three way cross, GA 831127-3// 79102/3* GA 821264. The final cross was made in the spring of 1990. GA 831127-3 is a Georgia experimental line from the cross, GA 73016 (VA 70-50-22/VA 71-54-03)/3/'Hunter'//GA 74-23-1 (IAS 57/'McNair 1813')/'Coker 762'. GA 79102 is a Georgia experimental line with early maturity which possesses the 1A/1R translocation from Amigo for greenbug and powdery mildew resistance. GA 821264 is 'McNair 3271'/'FL 301'//'McNair 1003'/'Coker 916'.

The F1 was grown in the field during the 1991 season. The population was advanced from the F2 through F5 generations using the pedigree method of breeding with individual spikes selected for resistance to leaf rust (caused by *Puccinia recondita* (Roberge ex Desmaz), powdery mildew (caused by *Erysiphe graminis* DC. f. sp. *tritici* Em. Marchal), and septoria nodorum blotch (caused by Stagonospora nodorum (Berk) Castellani & E.G. Germano). Spikes were harvested, threshed individually and planted in single 1 meter headrows and were advanced to the next generation during the F2:3-, F3:4-, and F4:5-derived lines at Griffin, GA. 901146E15 is the F5:derived head row selected and advanced to Breeder seed which was produced in 2000 in the F10 generation.

901146E15 was evaluated for agronomic performance in nursery plots in 1996, GA-FL state trials at five locations from 1997 to 2000, and in the Uniform Southern Soft Red Winter Wheat Nursery at 25 locations in 1999.

A increase strip of 901146E15 was planted in 1997 from a small increase plot and was rogued thoroughly for aberrant types. Seeds from this increase strip was planted in a Increase block (2 acres) at the Foundation Seed Farm in 1999 and rogued to remove variants. 901146E15 has been observed for 4 generations of reproduction and during seed increase period and is stable and uniform. The variant consists of 1/10,000 awned types which is commercially acceptable and predictable.

This Breeder seed of 901146E15 was provided to the Georgia Seed Development Commission and will be the source of future seed multiplications. Breeder seed of 901146E15 will be maintained by the Georgia Agricultural Experiment Station, University of Georgia, Georgia Station, Griffin, GA 30223-1797.

2

200200005

Exhibit B

Novelty Statement

'36803'
~~901146E15~~ is a soft red winter wheat, awnless, and white chaffed. 901146E15 is most similar in appearance to Fleming. 901146E15 is awnless, while Fleming is awned.

MAH
5-16-2002

U.S. DEPARTMENT OF AGRICULTURE

AGRICULTURAL MARKETING SERVICE
SCIENCE DIVISION
BELTSVILLE, MARYLAND 20705

EXHIBIT C

(Wheat)

OBJECTIVE DESCRIPTION OF VARIETY
WHEAT (*Triticum* spp.)

NAME OF APPLICANT(S) University of Georgia Research Foundation, Inc.

ADDRESS (*Street and No. or R.F.D. No., City, State, and Zip Code*)

Boyd Graduate Studies Bldg.
Universtiy of Georgia
Athens, GA 30602

FOR OFFICIAL USE ONLY

PVPO NUMBER 2002 00005

VARIETY NAME

36803

TEMPORARY OR EXPERIMENTAL DESIGNATION

901146E15

PLEASE READ ALL INSTRUCTIONS CAREFULLY: Place the appropriate number that describes the varietal character of this variety in the boxes below. Place a zero in the first box (e.g. [0][1] or [0][9]) when number is either 99 or less or 9 or less respectively. Data for quantitative plant characters should be based on a minimum of 100 plants. Comparative data should be determined from varieties entered in the same trial. Royal Horticultural Society or any recognized color standard may be used to determine plant colors; designate system used: _____

Please answer all questions for your variety; lack of response may delay progress of your application.

1. KIND:

[1] 1=Common 2=Durum 3=Club 4=Other (SPECIFY) _____

2. VERNALIZATION:

[2] 1=Spring 2=Winter 3=Other (SPECIFY) _____

3. COLEOPTILE ANTHOCYANIN:

[1] 1=Absent 2=Present

4. JUVENILE PLANT GROWTH:

[2] 1=Prostrate 2=Semi-erect 3=Erect

5. PLANT COLOR (boot stage):

[2] 1 = Yellow-Green 2 = Green 3 = Blue-Green

6. FLAG LEAF (boot stage):

[1] 1 = Erect 2 = Recurved [1] 1 = Not Twisted 2 = Twisted

7. EAR EMERGENCE:

[0][3] Number of Days Earlier Than AGS 2000 *

[0][4] Number of Days Later Than Fleming *

8. ANTHER COLOR:

[1] 1 = YELLOW 2 = PURPLE

9. PLANT HEIGHT (from soil to top of head, excluding awns):

[0][2] cm Taller Than Coker 9835 *

[0][5] cm Shorter Than Fleming *

4

10. STEM:

A. ANTHOCYANIN
[1] 1=Absent 2=Present

B. WAXY BLOOM
[1] 1=Absent 2=Present

C. HAIRINESS (last internode of rachis)
[1] 1=Absent 2=Present

D. INTERNODE (SPECIFY NUMBER)_____
[1] 1=Hollow 2=Semi-solid 3=Solid

E. PEDUNCLE
[2] 1=Absent 2=Present

[28] cm Length

11. HEAD (at Maturity):

A. DENSITY
[2] 1=Lax 2=Middense 3= Dense

B. SHAPE
[4] 1 = Tapering 2= Strap 3 = Clavate 4 = Other (SPECIFY) Oblong

C. CURVATURE
[3] 1 = Erect 2 = Inclined 3 = Recurved

D. AWNEDNESS
[3] 1 = Awnless 2 = Apically Awnletted 3 = Awnletted 4 = Awned

12. GLUMES (at Maturity):

A. COLOR
[1] 1 = White 2 = Tan 3 = Other (SPECIFY)_____

B. SHOULDER
[4] 1 = Wanting 2 = Oblique 3 = Rounded 4 = Square 5 = Elevated 6 = Apiculate

C. BEAK
[1] 1 = Obtuse 2 = Acute 3 =Acuminate

D. LENGTH
[2] 1 = Short (ca. 7mm) 2 = Medium (ca. 8mm) 3 = Long (ca. 9mm)

E. WIDTH
[3] 1 = Narrow (ca. 3mm) 2 = Medium (ca. 3.5mm) 3 = Wide (ca. 4mm)

13. SEED:

A. SHAPE
[1] 1 = Ovate 2 = Oval 3 = Elliptical

B. CHEEK
[1] 1=Rounded 2=Angular

C. BRUSH
[1] 1=Short 2=Medium 3=Long

[1] 1 = Not Collared 2 = Collared

D. CREASE
[1] 1 = Width 60% or less of Kernel
2 = Width 80% or less of Kernel
3 = Width Nearly as Wide as Kernel

[1] 1 = Depth 20% or less of Kernel
2 = Depth 35% or less of Kernel
3 = Depth 50% or less of Kernel

13. **SEED:** (continued)

E. **COLOR**

[1] 1 = White 2 = Amber 3 = Red 4 = Other (SPECIFY) _____

F. **TEXTURE**

[2] 1=Hard 2=Soft

G. **PHENOL REACTION** *(see instructions)*:

[4] 1 = Ivory 2 = Fawn 3 = Light Brown 4 = Dark Brown 5 = Black

14. **DISEASE:** (0=Not Tested; 1=Susceptible; 2=Resistant; 3=Intermediate; 4=Tolerant)

PLEASE INDICATE THE SPECIFIC RACE OR STRAIN TESTED

Stem Rust *(Puccinia graminis* f. sp. *tritici)*
[2] RTRQ, RTQQ, RTHJ

Stripe Rust *(Puccinia striiformis)*
[0]

Tan Spot *(Pyrenophora tritici-repentis)*
[0]

Halo Spot *(Selenophoma donacis)*
[0]

Septoria nodorum **(Glume Blotch)**
[3]

Septoria avenae **(Speckled Leaf Disease)**
[0]

Septoria tritici **(Speckled Leaf Blotch)**
[3]

Scab (*Fusarium* spp.)
[0]

"Black Point" (Kernel Smudge)
[0]

Barley Yellow Dwarf Virus (BYDV)
[0]

Soilborne Mosaic Virus (SBMV)
[2] Field

Wheat Yellow (Spindle Streak) Mosaic Virus
[0]

Wheat Streak Mosaic Virus (WSMV)
[0]

Other (SPECIFY) _____
[ ]

Other (SPECIFY) _____
[ ]

Other (SPECIFY) _____
[ ]

Leaf Rust *(Puccinia recondita* f. sp. *tritici)*
[2] PNMQ, TFBLF TDGL, FLML
1 - MCRQ, LBBQ, TLGG

Loose Smut *(Ustilago tritici)*
[0]

Flag Smut *(Urocystis agropyri)*
[0]

Common Bunt *(Tilletia tritici* or *T. laevis)*
[0]

Dwarf Bunt *(Tilletia controversa)*
[0]

Karnal Bunt *(Tilletia indica)*
[0]

Powdery Mildew *(Erysiphe graminis* f. sp. *tritici)*
[2] E2-15, E3-14, E3-25, F7-11, F7-12

"Snow Molds"
[0]

Common Root Rot *(Fusarium, Cochliobolus* and *Bipolaris* spp.)
[0]

Rhizoctonia Root Rot *(Rhizoctonia solani)*
[0]

Black Chaff *(Xanthomonas campestris* pv. *translucens)*
[0]

Bacterial Leaf Blight *(Pseudomonas syringae* pv. *syringae)*
[0]

Other (SPECIFY) _____
[ ]

Other (SPECIFY) _____
[ ]

Other (SPECIFY) _____
[ ]

Other (SPECIFY) _____
[ ]

15. INSECT: (0=Not Tested; 1=Susceptible; 2=Resistant; 3=Intermediate; 4=Tolerant)

PLEASE SPECIFY BIOTYPE (where needed)

Hessian Fly *(Mayetiola destructor)*	[1] GP, B, C, D, E, L	**Other (SPECIFY)** [ ]
Stem Sawfly *(Cephus spp.)*	[0]	**Other (SPECIFY)** [ ]
Cereal Leaf Beetle *(Oulema melanopa)*	[0]	**Other (SPECIFY)** [ ]
Russian Aphid *(Diuraphis noxia)*	[0]	**Other (SPECIFY)** [ ]
Greenbug *(Schizaphis graminum)*	[0]	**Other (SPECIFY)** [ ]
Aphids	[0]	**Other (SPECIFY)** [ ]

16. ADDITIONAL INFORMATION ON ANY ITEM ABOVE, OR GENERAL COMMENTS:

Exhibit D

Additional Description of ~~901146E15~~ '36803' MAH 5/16/02

901146E15 is a common soft red winter wheat, *Triticum aestivum* L. bred and developed by the University of Georgia, Georgia Agricultural Experiment Stations and developed jointly by Jerry W. Johnson and Ron D. Barnett with the University of Florida, Florida Agricultural Experimental Station.

901146E15 is a early-medium maturing, high yielding, good test weight, awnless wheat with moderately susceptible to current races of leaf rust, Puccinia recondita (Roberge ex Desmaz) and susceptible to predominant biotypes (biotype GP, B, D, E, L) of Hessian flies, (Mayetiola destructor (Say), and moderately resistant to powdery mildew, (Erysiphe graminis DC. f. sp. tritici Em. Marchal) in Georgia. 901146E15 is resistant to leaf rust races, TFBL, PNMQ, TDGL, and FLML.

Milling and baking quality characteristics of 901146E15 are rated as acceptable for soft red winter wheat use by the USDA-Soft Wheat Quality Laboratory, Wooster, OH. Information on the milling and baking quality characteristics is also included in a quality report. Additional information is presented in attached Exhibit.

MCGL

LEAF RUST

2002000005

St. Paul, MN

Seedling reactions produced by NA race*

No.	Cultivar or Line	BBB*	MCRQ	MCDL	LBBQ	TFBL	TLGG	PNMQ	TDGL	FLML	Postulated Genes***
1	FL 302	;	3	3	3	3	;	3	3	3	10
2	Coker 9835	;	;	;	;	;	3	;	;	;	2a,9,11
3	Coker 9663	;	;	;	;	;	;	3	;-3	;	9,10,+
4	Mason	;	;	;	;	;	3;	3;	;	;	9, +
5	AR 494B-2-2	;	3	3	3	3	3	3	3	;	1,+
6	GA89482E7	;	3	3	;	3	;	;	;	;	10,26,+
7	BL930390	;	;	;	;	;	3;	;	;	;	2a,9,11
8	SC921285	3;	;3c	3	3;	3;	;1c	3	3	3	10,+
9	SC921299	3;	3;1c	3	;1c2	3	j1c2	3	3	3	3,10,+
10	FL8868	;	;	;	;	;	3	3	;	3	9,+
11	AR584A-3-1	;	;	;	;	;	;	3	;	;23	9,10,18,+
12	NC94-7197	;	3	;1c	;1c	;	;	;	;	;1c	11,26,+
13	AP-D94-5282	;	;	;1c	;	;	;	;	;-3	;	+
14	GA90524E35	;	;	;	;	;	;	;	;	;	+
15	~~GA901146E15~~ '36803'	;	3	2c;	3	;1c	3	;	;1c	;1c	18,+
16	S9412192	;	3	3	;1c	3	;	;	3;	;	10,26,+
17	HT98-10291	;	;	;	;	;	;	;	;	;	+
18	HT98-10033	;-3	3	3	3	3	3	3-;	3	;	+
19	XW672	;1c	3;	;1c	;1c	;1c	3	;1c	3	;	11,+
20	XW674	;1c	3	;3	3	;	3	;	;	;	18,+
21	BL940026	;	;	;	;	;	3	;	;	;	2a,9,11
22	BL940812	;	;	;	;	3-1c;	3	;	;	;	2a,9,11
23	APD95-7763	;	;	;	;	;	;	3	;	;	9,24
24	APD95*8811-1	;	;	;	;	;	;1c	;	;	;	+
25	APD95*8811-2	;	;	;	;	;	;	;	;	;	+
26	NC95-25305	;	3;	;1c-3	3;	;1c3	3-;	;-3	;	;1c	+
27	NC95-25707	;	;	;	;	;	;	;	;	3;	+
28	VA96-54-326	;	3	3	3	;-3	3;	-	3	3	10,+
29	VA97W-375	;	3	;1c	;	;	;	;	;	;	11,26,+
30	TX91-13	;	;	;	;	3	;	;	;	;	2a,26,+
31	TX87-20	;	3	3;	3-3;	3;-3	;3	;1c	;	;	26,+
32	LA8513B1-7-B-1-4-2	;	;	;	;	;	;	;	;	;	+
33	LA90144B16-3-2	;	;	;	;	;	3	;	;	;	2a,9,11
34	LA90412F14-1-4	;	;	;	;	;	3	;	;	;	2a,9,11
35	LA9070G45-3-3-1	;	;	;	;	;	;	;	;	;	+

MAH 5/16/02

* Single genes tested = 1, 2a, 2c, 3, 3ka, 9, 10, 11, 16, 17, 18, 24, 26, 30

**Virulence Formula:

BBBB = no virulence
MCRQ = Lr, 1, 3, 3ka, 10, 11, 18, 26, 30
MCDL = Lr, 1, 3, 10, 17, 26
LBBQ = Lr, 1, 10, 18
TFBL = Lr, 1, 2a, 2c, 3,10, 24, 26
TLGG = Lr, 1, 2a, 2c, 3, 9, 11, 18
PNMQ = Lr, 1, 2c, 3, 3ka, 9, 10, 18, 24, 30
TDGL = Lr, 1, 2a, 2c, 3, 10, 11, 24
FLML = Lr, 2c, 3, 3ka, 9, 10, 30

***0 = no gene(s) detected with these Lr combinations; += Lr gene(s) present but unable to identify with these Lr virulence combinations

2002060005

STEM RUST

St. Paul, MN

	Seedling Reactions						
	Stem Rust Isolate						
	TPMK	RTRQ	RTQQ	RTHJ	RHMS	QKCS	Postulated SR Gene?
1 FL 302	S	XN	;	S	S	S	10
2 COKER 9835	S	S	;	;	S	;1	17,36
3 COKER 9663	S	;1	;	S	S	0	10,+
4 MASON	2	XN	2=	2=	2=	2=	10,24
5 AR 494B2-2	S	S	S	S	S	S	none
6 GA894982E7	2=	1	2=1	;1	2=1	2=	24
7 BL930390	S	S	S	S	S	S	none
8 SC921285	S	S	S	;1	S	S	+
9 SC921299	S	S	S	;	S	;1	36
10 FL 8868	S	S	;	2=1	S	;	17,+
11 AR584A-3-1	S	S	X	S	S	S	17?
12 NC94-7197	;1	1	;	;1	2=	0	6,8,10,+
13 AP-D94-5282	2=	1	;	1	2=	O,2=	10,24
14 GA90524E35	S	S	;	1	S	1	17,+
15 GA901146E15 '36803'	2-,S	1	2	2=	2-,S	S	+
16 S9412192	2=	;	;	2=	1	2=	10,24
17 HT98-10291**	0	0	0	0	0	0	-
18 HT98-10033	2-	2	S	2-	S	S	9a
19 XW672	S	1	2,S	2-,S	S	S	+
20 XW674	S	S	S	S	S	S	none
21 BL940026	S	S	;	S	S	S	17
22 BL940812	21	S	;1	0	S	0	17,36
23 APD95-7763	1	2	;	2=	2	2-	17,24
24 APD95*8811-1	S	2	;1N	S	2-	S	17,8,+
25 APD95*8811-2	S	S	XN	S	2-	S	17,8
26 NC95-25305	11+	XN	-	0	S	0	10,36,+
27 NC95-25707	2	S	S	0	S	;	9a,36
28 VA96-54-326	;	S	S,2-	0	S	0	6,36,+
29 VA97W-375	;1-	1	;	;	2=	0	,10,36,+
30 TX91-13	2=,S	2=	2=	2=	2=	2=	Amigo
31 TX87-20	S	S	XN	S	2,S	2-,S	17
32 LA8513B1-7-B-1-4-2	S	S	11+N	S	S	S	17
33 LA90144B15-3-2	S	S	;	S	S	S	17
34 LA90412F14-1-4	S	S	;1N,S	S	S,2=	2	seg 17
35 LA9070G45-3-3-1	;,S	S	S	;	S	0	6,seg 6

**Treated Seed

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POWDERY MILDEW

Raleigh, NC

		Seedling reaction to isolates							
		ABK	Aso	E2-15	E3-14	E3-25	F7-11	F7-12	Mo10
	Axminster Pm1	S	R	R	R	M	R	R	RM
	Orestis Pm2	S	R	R	R	R	S	R	R
	Asosan Pm3a	S	S	R	R	R	S	S	MS
	Chul Pm3b	M	R	R	R	R	RS	RS	R
	Sonora Pm3c	RS	S	M	R	M	MS	S	M
	Yuma Pm4a	R	S	R	MS	S	RM	S	M
	Ronos Pm4b	RM	R	R	S	S	R	RM	R
	CI 14125 Pm5	S	S	S	R	S	S	S	MS
	C747 Pm6	S	S	M	M	RS	S	S	M
	Transec Pm7	MS	S	S	S	S	S	S	S
	Kavkaz Pm8	M	S	RS	RS	S	RS	S	MS
	Pm12	RS	RM	RM	RM	M	R	R	RM
	Pm16	R	R	R	R	R	R	R	R
	Amigo Pm17	M	R	R	R	R	R	R	R
	Mich Amber	S	S	S	R	S	S	S	S
	Chancellor	S	S	S	M	S	S	S	M
1	FL302	M	S	RM	R	RM	MS	S	RM
2	C 9835	M	MS	S	M	M	S	S	M
3	C9663	S	S	R	R	R	S	S	S
4	MASON	S	S	R	R	R	S	S	M
5	AR494B-2-2	M	S	S	M	M	S	S	S
6	GA89482E7	M	MS	R	R	R	M	S	S
7	BL930390	S	S	RM	R	R	S	S	S
8	SC921285	R	M	R	R	R	M	R	RM
9	SC921299	RM	M	R	R	R	RM	RM	M
10	FL8868	S	MS	M	RS	M	S	MS	S
11	AR584A-3-1	S	S	RM	S	S	S	S	S
12	NC94-7197	M	R	R	R	M	R	R	R
13	APD94-5282	S	MS	M	RS	S	S	RS	S
14	GA90524E35	S	M	R	R	R	M	S	S
15	GA901146E15 '36803'	S	MS	R	R	R	R	R	M
16	S9412192	S	S	MS	R	R	M	S	S
17	HT98-10291	M	S	M	RS	R	MS	S	S
18	HT98-10033	RM	S	R	R	M	S	RS	MS
19	XW672	S	S	R	R	R	S	M	S
20	XW674	S	S	M	R	RM	S	S	S
21	BL940026	S	S	RM	R	S	S	S	S
22	BL940812	S	S	S	R	S	S	S	S
23	APD95-7763	S	M	R	R	S	RS	R	RM
24	APD95-8811-1	S	S	R	R	R	S	S	S
25	APD95-8811-2	S	S	R	R	RS	S	S	S
26	NC95-25305	S	R	R	R	R	R	R	R
27	NC95-25707	S	S	M	R	S	S	S	S
28	VA96-54-326	R	R	R	R	RM	R	R	R
29	VA97W-375	M	R	M	RM	S	M	S	S
30	TX91-13	S	S	MS	R	R	S	S	S
31	TX87-20	S	S	S	M	S	S	S	S
32	LA8513B17B142	S	S	RM	R	R	S	S	S
33	LA90144B1632	M	RM	R	R	R	S	S	M
34	LA90412F1414	RS	M	M	R	MS	S	MS	M
35	LA9070G45331	S	RM	RM	R	MS	S	S	S

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W. Lafayette, IN

HESSIAN FLY

		Biotype GP	Biotype B	Biotype C	Biotype D	Biotype E	Biotype L
1	FL 302	0 - 12	0 - 17	0 - 14	0 - 15	0 - 15	0 - 15
2	Coker 9835	13 - 1	0 - 11	10 - 3	0 - 21	5 - 7	0 - 14
3	Coker 9663	5 - 8	2 - 9	0 - 12	4 - 11	13 - 3	0 - 16
4	Mason	0 - 11	0 - 16	0 - 12	0 - 13	0 - 16	0 - 17
5	AR 494B-2-2	14 - 7	0 - 13	2 - 10	0 - 16	0 - 16	0 - 12
6	GA89482E7	0 - 14	0 - 12	3 - 9	0 - 21	0 - 11	0 - 16
7	BL930390	0 - 15	0 - 16	0 - 15	0 - 18	0 - 15	0 - 14
8	SC921285	11 - 2	0 - 14	14 - 0	0 - 15	0 - 16	0 - 17
9	SC921299	10 - 5	0 - 14	12 - 3	0 - 13	0 - 17	0 - 16
10	FL8868	15 - 0	12 - 0	5 - 7	11 - 4	14 - 0	7 - 8
11	AR584A-3-1	0 - 15	0 - 12	0 - 12	0 - 10	0 - 18	0 - 17
12	NC94-7197	0 - 10	0 - 16	0 - 16	0 - 15	0 - 16	0 - 15
13	AP-D94-5282	2 - 11	0 - 15	0 - 12	0 - 17	0 - 15	0 - 14
14	GA90524E35	4 - 6	0 - 14	1 - 12	0 - 17	8 - 5	0 - 16
15	~~GA901146E15~~ '36803'	0 - 12	0 - 16	0 - 12	0 - 15	3 - 10	0 - 14
16	S9412192	0 - 14	0 - 15	0 - 11	0 - 20	0 - 16	0 - 13
17	HT98-10291	0 - 11	0 - 16	0 - 13	0 - 12	0 - 13	0 - 7
18	HT98-10033	17 - 0	13 - 0	15 - 0	13 - 1	13 - 1	11 - 1
19	XW672	13 - 0	15 - 0	14 - 0	16 - 0	12 - 0	17 - 0
20	XW674	0 - 10	0 - 10	0 - 14	0 - 17	0 - 17	0 - 21
21	BL940026	17 - 0	12 - 0	0 - 16	0 - 17	16 - 0	0 - 18
22	BL940812	6 - 10	0 - 12	15 - 2	0 - 19	0 - 18	0 - 15
23	APD95-7763	0 - 15	0 - 10	2 - 16	0 - 17	2 - 12	0 - 16
24	APD95*8811-1	0 - 13	0 - 12	0 - 12	0 - 14	0 - 13	0 - 16
25	APD95*8811-2	0 - 11	0 - 14	0 - 10	0 - 19	0 - 10	0 - 14
26	NC95-25305	0 - 15	0 - 14	0 - 13	0 - 15	0 - 11	0 - 13
27	NC95-25707	15 - 0	13 - 0	16 - 0	17 - 0	16 - 0	18 - 0
28	VA96-54-326	0 - 13	0 - 12	0 - 16	0 - 21	0 - 17	0 - 16
29	VA97W-375	0 - 11	0 - 14	0 - 14	0 - 15	0 - 16	0 - 15
30	TX91-13	1 - 15	0 - 13	1 - 14	0 - 20	0 - 20	0 - 19
31	TX87-20	0 - 16	0 - 9	0 - 15	0 - 17	0 - 19	0 - 15
32	LA8513B1-7-B-1-4-2	0 - 10	0 - 12	0 - 11	0 - 14	0 - 18	0 - 17
33	LA90144B16-3-2	0 - 14	0 - 16	0 - 16	0 - 14	0 - 13	0 - 14
34	LA90412F14-1-4	6 - 5	0 - 14	9 - 5	0 - 18	0 - 14	0 - 12
35	LA9070G45-3-3-1	0 - 10	0 - 10	0 - 15	0 - 17	0 - 16	0 - 18

no. seedlings resistant - no. seedlings susceptible

mal 5/16/02

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1999 CROP

ADVANCED NURSERY EVALUATION
FOR SOFT WHEAT MILLING AND BAKING QUALITY

MQB-USN
REGION 1

STD= #3107, FL 302

LAB NO.	ENTRY	MILLING QUALITY SCORE	BAKING QUALITY SCORE	COMBINED QUALITY SCORE	MICRO T.W. LB/BU	SOFT. EQUIV.	FLOUR YIELD	FLOUR PROT.	MICRO AWRC	COOKIE DIAM.	TOP GR.
	STANDARD	100.0 A	100.0 A	100.0 A	59.3	59.2	72.4	8.98	53.0	17.55	2
3701	1 FL 302	100.0 A	100.0 A	100.0 A	59.3	59.2	72.4	8.98	53.0	17.55	2
3702	2 Coker 9835	96.1 B	94.4 C	94.4 C	60.2	63.8	70.6 Q	8.40	56.8 Q	17.66	3
3703	3 Coker 9663	88.9 D	69.7 F	69.7 F	61.4	51.6 Q	70.5 Q	8.62	56.3 Q	16.89 Q	2
3704	4 Mason	93.6 C	80.2 E	80.2 E	59.8	60.9	70.4 Q	9.13	55.1 *	16.82 Q	2
3705	5 AR 494B-2-2	93.0 C	80.3 E	80.3 E	61.6	55.5 *	71.0 *	9.41	54.3	16.96 Q	2
3706	6 GA89482E7	101.5 A	98.8 B	98.8 B	62.4	58.4	72.6	9.32	54.0	17.66	3
3707	7 BL930390	96.1 B	100.1 A	96.1 B	60.7	62.9	70.7 Q	7.65	55.5 *	17.76	5
3708	8 SC921285	89.8 D	68.8 F	68.8 F	61.3	60.4	69.4 Q	10.44 Q	56.3 Q	16.46 Q	1
3709	9 SC921299	88.9 D	81.6 E	81.6 E	62.0	59.4	69.2 Q	9.60	56.2 Q	17.09 *	2
3710	10 FL8868	96.4 B	109.3 A	96.4 B	59.1	61.2	71.2 *	9.29	52.0	17.79	4
3711	11 AR584A-3-1	93.9 C	97.1 B	93.9 C	61.6	54.4 *	71.4 *	9.73 *	53.1	17.64	4
3712	12 NC94-7197	94.8 C	99.7 B	94.8 C	62.8	53.9 *	71.6 *	9.57	52.2	17.67	4
3713	13 AP-D94-5282	82.7 E	73.6 F	73.6 F	61.4	55.2 *	68.4 Q	9.98 *	56.0 Q	16.88 Q	2
3714	14 GA90524E35	92.7 C	95.3 B	92.7 C	58.3	57.6	70.9 *	8.57	54.3	17.57	3
3715	15 ~~GA901146E15~~ '36803'	85.0 D	70.3 F	70.3 F	60.4	55.5 *	69.0 Q	7.88	58.7 Q	17.06 Q	3

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ATTACHMENT I

APPLICATION FOR APPROVAL OF ___ CULTIVARS __X__ ASSOCIATE CULTIVARS
(Please check appropriate type of application)

1. Crop: Wheat

2. Experimental no. or name: ~~901146E15~~ '36803'

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3. Pedigree and history: GA 831127-3// 79102/3* 821264. The final cross was made in the spring of 1990. GA 831127-3 is an experimental line from the cross, GA 73016/3/Hunter//GA 74-23-1/C762. GA 79102 is an early maturing line which possesses the leaf rust resistant gene, Lr24 and the powdery mildew gene, Pm17 which is on the 1A/1R translocation from Amigo. The F1 was grown in the field during the 1991 season. Individual spike selections were made in the F2 to F5 generations at Plains, GA. The pedigree method of breeding was used to advance the segregating populations. In 1995, a headrow was harvested for preliminary evaluations. Agronomic evaluations were conducted from 1998 to 2000 in the Small Grain State Performance trials for Georgia. It was evaluated in 1999 in the Uniform Southern Wheat Nursery.

4. Description: 901146E15 is an early-medium maturing, white chaffed, medium height line with good straw strength. It matures on average 3 days earlier than AGS 2000 in Georgia and similar in the southeast region. It is moderately susceptible to currently predominant races of leaf rust, moderately resistant to powdery mildew and susceptible to biotypes of Hessian fly in Georgia.

5. Station(s) where developed: Georgia

6. Participating scientist(s): Jerry Johnson, Barry Cunfer, G. David Buntin, and Dan Bland

7. In what respect is the new cultivar superior to the cultivar now in use? or reasons for proposing release as an associate cultivar.

901146E15 is being proposed as an Associate cultivar due mainly to its susceptibility to Hessian Fly. Susceptible wheat cultivars to Hessian fly are not presently being recommended for Georgia's producers by the Small Grain Commodity Committee. This line was approved by the small grain commodity committee for release as an associate cultivar. It is a high-yielding (Tables 1, 2, 3, 4) early-medium maturing (Tables 5, 6, 8) cultivar. 901146E15 yielded equal or better than checks in north Georgia in 1998 (Table 1), 2-yr and 3-yr average (1998-1999) (Table 4), equal or lower than the checks in south Georgia

in 1999, 2000 and 2-yr average (Table 3).

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In regional trials, ~~901146E15~~ '36803' performed equal to or better than the currently grown check cultivars (Coker 9835, AGS 2000, or Coker 9663) for grain yield in the Mid-South and Atlantic Coast Region (11 locations) of the Southeast in 1999 (Table 8). It ranked 4th out of 35 entries in 1999. AGS 2000 is presently the highest yielding, medium-maturing wheat cultivar grown in the southeastern region. The Mid-South and Atlantic Coast Regions will be the area of production for 901146E15. The performance of 901146E15 for this area is shown in Table 9 for 1999 and Table 10 for 2000. 901146E15 were equal to the checks for both 1999 and 2000. In Arkansas, it ranked 4th out of 66 entries in the 2000 state trial. In comparison to FFR varieties (Table 10) in the region, 901146E15 yielded significantly higher in 2000. 901146E15 has a lower test weight than the other checks except Coker 9835 (Tables 5, 6, 8). For test weight in state trial for 2000 (Table 10), 901146E15 had a lower test weight than AGS 2000, C 9663, and FFR 522 (these 3 varieties have excellent test weight) and equal to FFR 518. In regional trials, 901146E15 was moderate resistant to both leaf rust and powdery mildew (Table 8).

8. Method of propagation: Seed

9. Amount of breeder seed stocks available (if applicable): 175 bu.

10. Amount of foundation seed stocks available (if applicable): 2000 bushel in summer of 2001

11. Amount of cutting or bud material available for vegetatively propagated material for nursery distribution (if applicable):

12. Is there likely to be unusual difficulty encountered in the production of any class of seed stocks? Explain. No

13. Three suggested names for the cultivar: 901146

14. Name approved by plant cultivar and germplasm release committee:

15. Form of intellectual property protection: Plant Variety Protection

16. Is a royalty assessment recommended: _X_ Yes ____ No

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~~901146E15~~ '36803'
MAH
5-16-2002

RECOMMENDED BY:

A. _____
Originating Scientist

B. _____
Department Head

C. _____
Assistant Dean

D. _____
Chairperson, GAES Plant Cultivar and Germplasm Release Committee

E. _____
Associate Dean for Research

APPROVED:

_____
Dean and Director
College of Agricultural & Environmental Sciences

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Table 1. PERFORMANCE OF 901146E15 AND CHECK CULTIVARS IN STATE TRIALS, 1998

	BUSHELS PER ACRE		
Entry	SOUTH	NORTH	STATEWIDE
~~901146 E15~~ '36863'	48.7b	71.3a	57.7b
AGS 2000	58.7a	72.5a	64.2a
C9663	42.1c	67.2b	52.2c
USG 3209	57.1a	59.1b	57.8b

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Table 2. PERFORMANCE OF 901146E15 AND CHECK CULTIVARS IN STATE TRIALS IN 1999 AND 2-YR AVE*.

BUSHELS PER ACRE

	LOCATIONS				
	South		North		Statewide
Entry	1999	2-Yr Ave	1999	2-Yr Ave	1999
901146 E15	50.9b	49.8b	76.3a	73.8a	61.1a
AGS 2000	59.3a	59.1a	73.2a	72.8a	64.8a
C9663	41.1c	41.6c	72.5a	69.8a	53.6b

* 2-YR AVERAGE- 1998 and 1999

Table 3. PERFORMANCE OF 901146E15 AND CHECK CULTIVARS IN STATE TRIALS, 1999-2000.

BUSHELS PER ACRE

	Tifton		Plains		South		
Entry	1999	2000**	1999*	2000**	1999	2000	2-Yr Ave
901146 E15	42.1c	71.1a	57.5b	63.9b	50.9b	67.6b	59.1c
P2691	54.6b	66.7a	48.8c	71.2a	53.1b	69.1ab	61.1b
USG3209	60.9a	70.7a	70.8a	74.5a	66.5a	72.6a	69.6a
C9663	45.4c	64.5ab	39.9d	62.2bc	41.0c	63.3c	52.1d
Mason	45.9c	58.5b	40.6d	57.9c	38.9c	58.3d	48.5e

* High Infestation of Hessian fly

** Late Planted in 2000

Table 4. PERFORMANCE OF 901146E15 AND CHECK CULTIVARS IN GRIFFIN, 3-Yr, 2-Yr, 2000.

	BUSHELS PER ACRE		
Entry	3 YR AVE	2-YR AVE	2000
901146 E15	88.8b	92.6b	88.9b
AGS 2000	95.4a	97.1a	95.9ab
C9663	86.8c	93.5b	91.4b
USG 3209	92.6ab	101.6a	98.1a

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Table 5. Performance of ~~901146E15~~ '36803' and check cultivars in state performance trials for 2-Yr Average (1998-1999).

Entry	Test Wt. lbs/bu	Lodging %	Date Headed	Height in
901146E15	57.1c	19	4/6	35
ASG 2000	59.4a	4	4/9	38
USG 3209	58.1b	2	4/9	35
C 9663	59.3a	23	4/8	40

Table 6. Performance of 901146E15 and check cultivars in state performance trials for 2-Yr Average (1999-2000).

Entry	Test Wt. lbs/bu	Lodging %	Date Headed	Height in
901146E15	57.1c	21	4/3	36
USG 3209	58.4b	2	4/4	36
C 9663	59.9a	53	4/3	41

'36803'

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Table 7. Average performance of ~~901146E15~~ and check cultivars in state performance trials for 2-Yr Average (1999-2000).

Entry	Leaf Rust %	Powdery Mildew %	Hessian Fly %
901146E15	40	20	55b
AGS 2000	3	0	6a
C 9663	25	80	74c

Table 8. Average performance of 901146E15 and check cultivars in the Uniform Southern Soft Red Winter Wheat Nursery (11 Locations)+, 1999.

Entry	Yield Bu/A	Test Wt Lbs/Bu	Date Headed	Lodging	Height	Leaf Rust, %	Powdery Mildew, %
901146E15	74.7a	55.5	108	22	32	21	26
AGS 2000	75.4a	57.6	107	24	34	12	16
C 9835	65.4c	54.5	109	27	32	24	30
C 9633	69.7b	58.0	108	33	36	10	42

+ States and (Number of Locations) tested: Alabama (1), Arkansas (2) Kentucky (2), Maryland (1), North Carolina (2), Tennessee (1), Texas (1), Virginia (1).

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Table 9. Average performance of ~~901146E15~~ '36803' and check cultivars in the Uniform Southern Soft Red Winter Wheat Nursery in Mid-South and Mid-Atlantic, 1999.

	Yield, Bu/A						
Entry	AR	MS	NC	SC	VA	MD	Average
901146E15	76	43	76	57	80	86	69.2a
AGS 2000	78	26	52	76	77	90	66.5ab
C 9835	72	17	41	68	71	84	58.8c
C 9633	75	26	49	72	59	74	59.2c

Table 10. Average performance of 901146E15 and check cultivars in State Trials, 2000.

	Yield, Bu/A						
Entry	AR[1]	MS[2]	NC[3]	SC[4]	MD[5]	Average	Test Wt.
901146E15	82.7	76.0	65	80.3	73.1	75.4b	56.1c
AGS 2000	86.0	83.6	78	85.4	69.9	80.6a	58.3a
C 9663	81.8	74.7	64	73.4	64.0	71.6bc	57.0b
FFR 518	74.7	68.8	70	70.0	68.2	70.3c	56.1c
FFR 522	73.6	75.0	69	71.5	64.9	70.8c	57.0b

1 11 Locations
2 8 Locations
3 3 Locations
4 1 Location
5 5 Locations

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Exhibit E
Statements of Applicant's Ownership

~~901146E15~~ '36803'

MAH
5/16/2002 The variety for which plant variety protection is hereby sought is owned jointly by the University of Georgia Research Foundation, Inc. (UGARF) and the Florida Agricultural Experiment Stations, University of Florida (FAES).

Ownership by UGARF in the variety for which plant variety protection is hereby sought is based on the Patent Policy approved by the Board of Regents of the University System of Georgia on June 9, 1982, in which the Board of Regents assigned to the University of Georgia Research Foundation, Inc. all rights in intellectual property developed or created by employees at the University of Georgia, one of the universities of the University System of Georgia. Rights of novel plants varieties developed at the University of Georgia, including '901146E15', are covered by said Patent Policy. As employees of the University of Georgia, Jerry W. Johnson, Barry Cunfer, and G. David Buntin, pursuant to said Patent Policy, have assigned their rights in '901146E15' to the University of Georgia Research Foundation, Inc.

Ron Barnett and Paul Pfahler are employees of the Florida Agricultural Experiment Stations, the University of Florida.

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FORM APPROVED - OMB No. 0581-0055

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE

EXHIBIT E
STATEMENT OF THE BASIS OF OWNERSHIP

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). The information is held confidential until the certificate is issued (7 U.S.C. 2426).

1. NAME OF APPLICANT(S)

University of Georgia Research Foundation, Inc.
Florida Agricultural Experiment Station
UNIVERSITY

2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER
901146E15

3. VARIETY NAME
36803

4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP, and Country)

University of Georgia Research Foundation, Inc.
632 Boyd Grad Studies Building
Athens, Georgia 30602-7411

5. TELEPHONE (Include area code)
(706) 542-4750

6. FAX (Include area code)
(706) 583-0074

7. PVPO NUMBER
200200005

8. Does the applicant own all rights to the variety? Mark an "X" in the appropriate block. **If no, please explain** [X] YES [ ]

9. Is the applicant (individual or company) a U.S. National or a U.S. based company? **If no, give name of country** [X] YES [ ] NO

10. Is the applicant the original owner? [X] YES [ ] NO **If no, please answer one of the following:**

a. If the original rights to variety were owned by individual(s), is (are) the original owner(s) a U.S. National(s)?

[ ] YES [ ] NO **If no, give name of country**

b. If the original rights to variety were owned by a company(ies), is (are) the original owner(s) a U.S. based company?

[ ] YES [ ] NO **If no, give name of country**

11. Additional explanation on ownership *(If needed, use the reverse for extra space)*:

SEE ATTACHED

PLEASE NOTE:

Plant variety protection can only be afforded to the owners (not licensees) who meet the following criteria:

1. If the rights to the variety are owned by the original breeder, that person must be a U.S. national, national of a UPOV member country, or national of a country which affords similar protection to nationals of the U.S. for the same genus and species.

2. If the rights to the variety are owned by the company which employed the original breeder(s), the company must be U.S. based, owned by nationals of a UPOV member country, or owned by nationals of a country which affords similar protection to nationals of the U.S. for the same genus and species.

3. If the applicant is an owner who is not the original owner, both the original owner and the applicant must meet one of the above criteria.

The original breeder/owner may be the individual or company who directed the final breeding. See Section 41(a)(2) of the Plant Variety Protection Act for definitions.